

Guthion
Flowable Insecticide
2 1/2 Gallons

RESTRICTED USE PESTICIDE
For use only by persons who have been approved by the appropriate authority in the State of Missouri.

FOC
3/25-338
 APR 26 1982
of the Fed.
 side, and
 ured, f
 1982
 No. 11

***GUTHION 3 Flowable insecticide
 for effective economical insect control**


ACTIVE INGREDIENTS: 1,1-dimethyl-3-methyluronitril (3.4H) (methyl)
 1,1-dimethyl-3-methyluronitril (3.4H) (methyl)
 1,1-dimethyl-3-methyluronitril (3.4H) (methyl)
 1,1-dimethyl-3-methyluronitril (3.4H) (methyl)
 1,1-dimethyl-3-methyluronitril (3.4H) (methyl)
 1,1-dimethyl-3-methyluronitril (3.4H) (methyl)

STOP Read the label before use
Protect from heat. Shake well before using.

DANGER  **POISON**

Keep out of reach of children.
For more information on this product, see the instructions on rear panel.

NET CONTENTS 2 1/2 GALLONS

 Möbax Chemical Corporation
 Agricultural Chemicals Division
 Box 4913, Kansas City, Missouri 64120

BEST DOCUMENT AVAILABLE

Aviso.

AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

Directions for use.

For complete directions for use refer to the supplement literature accompanying this container.

IMPORTANT

CONDITIONS OF SALE: The directions on this label were determined through tests which to the best of our knowledge are representative of the conditions of use of this product. This product has been tested for a range of weather conditions only and is not warranted to be effective under any and all conditions in the geographic area where the product is used. The effectiveness of the product may result from the occurrence of certain conditions or from weather or from failure to follow the directions. In addition, failure to follow the directions may result in injury to the user, which the manufacturer and distributor do not warrant. The user assumes all liability for the use of this product and the buyer accepts and uses this product subject to the conditions that either the user or unusual weather or failure of the manufacturer's product is the cause of the injury. Therefore, the liability of the buyer.

Restrictions.

Storage and disposal.

Pesticide Disposal:

Container Disposal:

Precautionary Statements. Hazards to humans and domestic animals.

DANGER  POISON

HANDLING OF CONTAMINATED ARTICLES

SYMPTOMS OF POISONING

To physician:

FIRST AID: If swallowed, induce vomiting. If inhaled, remove to fresh air. If on skin, wash with soap and water. If in eyes, flush with water for 15 minutes.

Statements of practical treatment.

If swallowed, vomiting should be induced.

If in skin:

Wash

eyes

If inhaled

Environmental hazards.

BEST DOCUMENT AVAILABLE

2

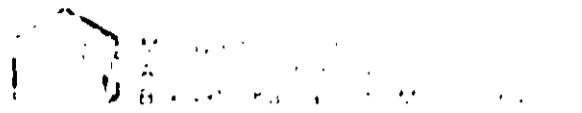
STOP—Read the label before use.

**Protect from heat.
Shake well before using.**

DANGER  **POISON**

Keep out of reach of children.

(Small illegible text regarding treatment and other information)



(Small illegible text regarding product information)

DIRECTIONS FOR USE.

IMPORTANT: Always wear your Drench...
CONDITIONS OF SALE.

The directions on this label were determined through laboratory tests for the intended use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographical area where the product is registered. In addition, failure to follow label directions may cause injury to the crop to which the product is applied, other crops, animals, man, or the environment. McHoy and its seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather or failure to follow label directions are beyond the control of McHoy and are, therefore, the responsibility of the buyer.

(Small illegible text, likely dosage instructions)

DOSAGE.

Use the specified dosage of GUTRENCH 3 F...
SPRAYING.

When spraying, use a sprayer...
(Additional instructions regarding application)

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

Crop	Use	Rate	Remarks
Wheat		1 to 2	
3			
		2	
		1 to 2	
WETS		1 to 1 1/2	
		1 to 2	
Pears		1 to 1 1/2	
Warts		1 to 2	
Vegetables and Fruits		4	

4



Crop (Group)	Pests	Rate	Application Instructions	
Cucumbers	Spotted cucumber beetle Striped cucumber beetle Western striped cucumber beetle	1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage but not less than 1 gallon per acre. Do not apply more than 3 times per season nor within 7 days of harvest.	
	Leaf miners	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply after the 1st.	
Eggplant	European corn borer Flea beetles	1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply after the 1st.	
	Leaf miners	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Do not apply more than 3 times per season nor within 28 days of harvest for eggplants or 7 days of harvest for eggplants.	
Onions (Green & Dry)	Thrips	1 1/2 to 2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Do not apply more than 3 times per season nor within 28 days of harvest for eggplants or 7 days of harvest for eggplants.	
	Leaf miners	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
Peppers	European corn borer Flea beetles	1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. A maximum of 4 treatments may be made up to within 3 days of harvest. Where more than 4 applications are required, do not apply last spray within 14 days of harvest.	
	Leaf miners	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
Potatoes	Colorado potato beetle	1	Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
	Banded cucumber beetle Leaf miners	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
	European corn borer Flea beetle Leafhoppers Spotted plant bug Tarnished plant bug	1 1/2 to 2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
	Tuberworm	1 1/2 to 2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
Spinach	Aphids Leaf miners Mites	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.	
	Leaf miners	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.	
Tomatoes	Aphids Colorado potato beetle	1	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
	Colorado potato beetle Drosophila Green stink bug Leaf miners Weevils	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
	Aphids European corn borer Flea beetles Grasshoppers Leafhoppers Thrips	1 1/2 to 2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
	Tuberworm	1 1/2 to 2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
	Corn earworm Fruit worm Hornworm Pinworm Yellow striped armyworm	2 to 4	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
MELONS Pumpkins Melons Muskmelons (Cantaloupe) Watermelons Other melons	Leafhoppers Leaf miners	1 to 1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
	Ranunculus Spotted cucumber beetle Striped cucumber beetle Western striped cucumber beetle	1 1/2	Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.	
ORNAMENTALS Ornamentals Nursery Plants Forest & Shade Trees	Aphids Cercococcus scale Eucorymus scale Juniper scale Lace bugs Leafhoppers Mites Olive scale Dysdercus scale Palm scale Tara	1 to 1 1/2	Apply specified dosage per 100 gallons of water (1 1/2 teaspoons per gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. For control of black pine leaf brown soft, European elm, and Puhum scales, use 1/2 table spoonful per gallon. Repeat as necessary.	
	Brown soft scale Puhum scale	2 1/2	Apply specified dosage per 100 gallons of water (2 1/2 teaspoons per gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. For control of black pine leaf brown soft, European elm, and Puhum scales, use 1/2 table spoonful per gallon. Repeat as necessary.	
	European elm scale Black pine leaf scale	2 to 2 1/2	Apply specified dosage per 100 gallons of water (2 to 2 1/2 teaspoons per gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. For control of black pine leaf brown soft, European elm, and Puhum scales, use 1/2 table spoonful per gallon. Repeat as necessary.	
	Cone moths Cone moth	5 1/2 to 10 1/2	Apply specified dosage per 100 gallons of water. Time applications to coincide with moth flight when cones are open for pollination. Thorough coverage of cones is necessary for maximum control. Repeat as necessary.	
	European pine shoot moth Nantucket pine tip moth	1 to 2	Apply specified dosage per 100 gallons of water for good coverage. Time applications to coincide with moth flight for application to cones. Use 1/2 table spoonful of GUTHION 3F per gallon of water.	
				Apply specified dosage per 100 gallons of water (1 1/2 teaspoons per gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. For control of black pine leaf brown soft, European elm, and Puhum scales, use 1/2 table spoonful per gallon. Repeat as necessary.
				Apply specified dosage per 100 gallons of water (2 1/2 teaspoons per gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. For control of black pine leaf brown soft, European elm, and Puhum scales, use 1/2 table spoonful per gallon. Repeat as necessary.

5

Poisonous if swallowed, inhaled, or absorbed through the skin. Do not get in eyes or on skin. Do not breathe fumes or spray mist. Spray operator should work to windward to stay out of drift or mist. When loading spray tank or handling the concentrate at any other time, wear protective clothing, natural rubber gloves, and goggles. When handling the concentrate, wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U. S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Do not contaminate feed or foodstuffs. Keep out of reach of children and domestic animals. Keep all unprotected persons out of the operating area or vicinity where there may be danger of drift. Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking.

HANDLING OF CONTAMINATED ARTICLES: Clothing and rage receiving undiluted GUTHION 3 Flowable as a result of leaks, spills, or mishaps should be removed immediately and not reused. These contaminated articles should be buried in the same manner as the empty container; see container disposal section for directions. (Contaminated articles which should be discarded would include: hats, gloves, aprons, coats, boots, etc. not made of rubber or coated with rubber or other similar materials). Clothing receiving spray mist or droplets from the mixed, diluted GUTHION 3 Flowable should be removed and decontaminated before reuse. This clothing can be decontaminated by machine washing separately from other items with soap or detergent and bleach in hot water twice before reuse. Protective clothing and equipment should be washed down with detergent or soap and bleach in water. Wash water from the cleaning of protective clothing or equipment should not be allowed to run off or otherwise enter water supplies.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

TO PHYSICIAN:

FIRST AID: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine. GUTHION 3 Flowable inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

STATEMENTS OF PRACTICAL TREATMENT.

In case of poisoning call a physician immediately. Have patient lie down and keep quite. If swallowed, vomiting should be induced. Administer milk or water freely and induce vomiting by giving one dose of 1-2 oz. of 1% sodium sulfate solution. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. If necessary, administer 1-2 mg. of atropine. A distance should be secured immediately. If on skin, remove contaminated clothing and wash it off immediately with soap and warm water. If in eyes, flush with plenty of water. Get medical attention if irritation persists. If inhaled, give artificial respiration if necessary. Get medical assistance immediately.

ENVIRONMENTAL HAZARDS.

This product is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

GUTHION is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

BEST DOCUMENT AVAILABLE

7/25-33

6